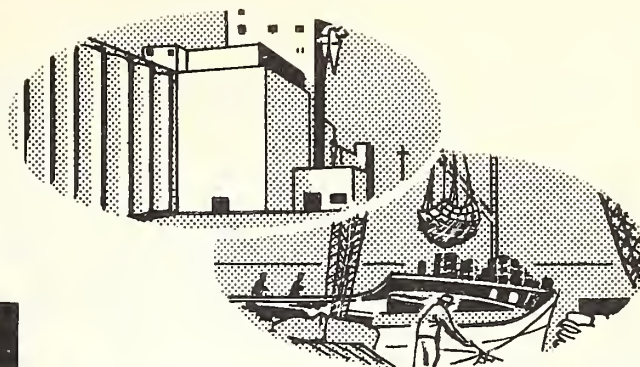


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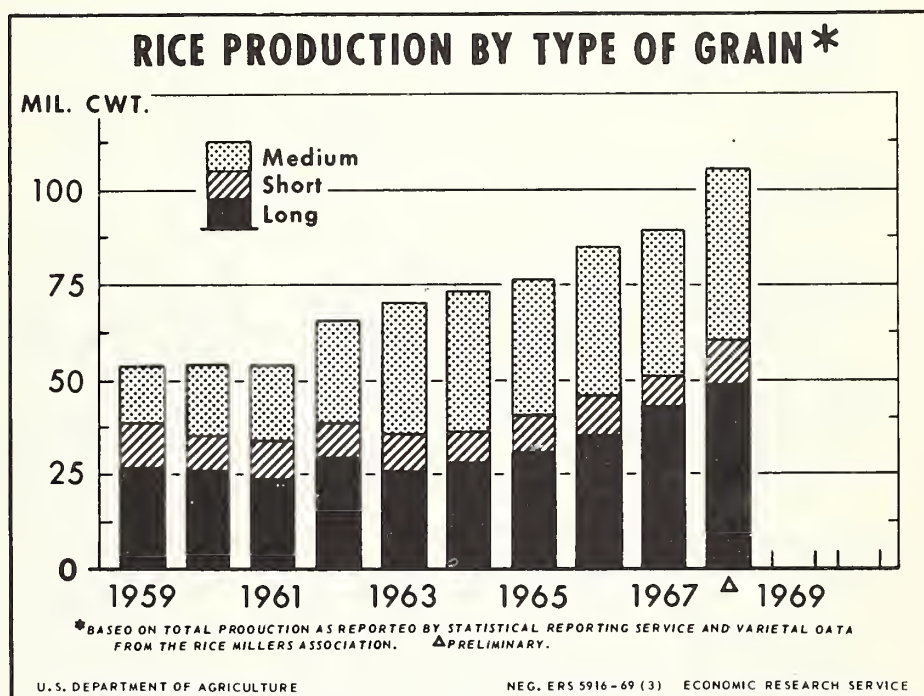
RICE SITUATION



S-13

MARCH 1969

U.S. rice production has risen sharply over the years. In 1959-68, acreage rose 48 percent while per acre yields climbed 32 percent. Much of the increase was in medium grain rice, as new varieties with both high field and milling yields encouraged expansion of this type, both in the South and in California. Long grain rice production, all in the South, increased less sharply. Production of short grain rice, mostly produced in California, remained fairly constant.



IN THIS ISSUE

Carryover to Increase
Loan Activity Heavy
1969 Allotment Reduced
Japanese Imports Nil

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CURRENT SERIAL RECORDS

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U.S. DEPARTMENT OF AGRICULTURE

Table 1.--Rice, rough equivalent: Supply and distribution and prices,
United States, average 1959-63, annual 1964-68 1/

Item	Year beginning August					
	1959-63 average	1964	1965	1966	1967 <u>2/</u>	1968 <u>2/</u>
	Million cwt.					
<u>Supply</u>						
Carryover August 1	10.2	7.5	7.7	8.2	8.5	6.8
Production	59.8	73.2	76.3	85.1	89.4	105.3
Imports	.3	.5	.7	3/	3/	3/
Total supply	70.3	81.2	84.7	93.3	97.9	112.1
<u>Domestic disappearance</u>						
Food <u>4/</u>	21.4	24.3	23.5	23.9	25.0	25.5
Seed	2.3	2.5	2.7	2.7	3.2	3.0
Used by brewers	4.5	4.3	4.7	5.3	5.4	6.0
Total	28.2	31.1	30.9	31.9	33.6	34.5
<u>Available for export and carryover</u>	42.1	50.1	53.8	61.4	64.3	77.6
<u>Total exports</u>	33.0	42.5	43.3	51.6	56.9	
For dollars	(15.1)	(25.0)	(27.1)	(29.6)	(34.7)	
Total disappearance	61.2	73.6	74.2	83.5	90.5	
<u>Carryover July 31</u>	8.6	7.7	8.2	8.5	6.8	
Privately owned--"Free"	(5.7)	(6.6)	(7.6)	(8.3)	(6.7)	
Total distribution	69.8	81.3	82.4	92.0	97.3	
Difference unaccounted <u>5/</u>	+5	-.1	+2.3	+1.3	+6	
	Dollars per cwt.					
<u>Price Support</u>						
National average loan rate	4.59	4.71	4.50	4.50	4.55	4.60
<u>Price Received by farmers</u>						
Season average	4.87	4.90	4.93	4.95	4.97	5.00
<u>Farm price above support</u>	.28	.19	.43	.45	.42	.40

1/ Data apply to only major rice-producing States. Milled rice converted to rough basis at annual extraction rate.

2/ Preliminary.

3/ Less than 50,000 cwt.

4/ Includes shipments to U.S. territories and rice for military food use at home and abroad.

5/ Results from loss, waste, the variance in conversion factors, the lack of data on other uses, and the different crop years for the two rice areas.

THE RICE SITUATION

Approved by the Outlook and Situation Board, March 21, 1969

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SUMMARY*

Rice carryover stocks at the end of the current marketing year (August 1968-July 1969) will likely be two to three times as large as the relatively small 6.8 million cwt. (rough rice equivalent) of last summer.

Exports are running only a little above last season's levels, after advancing strongly for several years. Domestic use may continue upward this season. Expected increases in total utilization, however, are minor in comparison with the supply buildup that resulted this season from 1968's record crop. The 1968/69 supply is put at a record 112 million cwt., up 15 percent from a year earlier.

Domestic use of rice for the marketing year likely will exceed the 33.6 million cwt. of 1967/68. Total use of rice for food may be up, with a possible continuation in the rise in per capita consumption. Last year civilian per capita consumption averaged 7.8 pounds of milled rice, up over a pound from the 1959-63 average. With large supplies of broken rice, brewers have increased their usage, which may total 10 percent above last years' 5.4 million cwt.

Despite the dock strike on the East and Gulf Coasts, rice exports could slightly exceed last season's 56.9 million cwt. But exports this season are being limited by a large world rice crop (181 million metric tons, almost the same as last year's record) and decreased requirements overseas. South Vietnam, which took 80 percent of U.S. food aid exports in 1967/68, needs less rice this year. Japan, the world's major commercial buyer, is self-sufficient this season except for small quantities of specialty rice, and may turn to exporting.

Thus, world import demand has eased relative to exportable supplies and world rice prices have declined. They are now lower than they were nearly 2 years ago when the United States stopped making export payments. As a result, the payment program was resumed on March 19, 1969.

Prices in the United States were strong early in the season, as buying for export prior to the dock strike was heavy. When the strike started in late December,

*The summary of this report, was released on March 21, 1969.

prices slipped and have not fully recovered. With the decline in prices, rice growers have used the price support loan program extensively, placing 22 million cwt. (20 percent of the crop) under loan through February. Loan redemptions to date total 5 million cwt. with 17 million remaining under loan, twice that of a year ago. Much of this rice may end up in Government inventory.

The acreage allotment for the 1969 U.S. rice crop was reduced 10 percent from last year to 2,160,542 acres. Marketing quotas continue in effect and the national average price support loan rate

is \$4.65 per cwt., up 5 cents from 1968. Final loan rate could be higher if the parity price for rice increases by the beginning of the new marketing year.

Farmers this year plan to seed about 2,142,000 acres to rice, according to the planting intentions report. Average yields per acre, with an allowance for trend, on intended acreage would result in a 1969 crop of 101 million cwt., down 4 million from last year. But with an anticipated larger carryover, total supply for 1969/70 could equal or exceed the 1968/69 record.

CURRENT SITUATION FOR ALL RICE ^{1/}

Record Supply

The U.S. rice supply continues to mount, reaching 112 million cwt. for 1968/69 (August-July). The 1968 crop totaled 105 million cwt., up 18 percent from a year earlier. A sharp increase in acreage overcame a decline in yield per acre (table 3). The beginning carryover was the smallest in several years and privately held stocks continued to comprise almost the entire carryover (table 1). Imports, which remained at a low level in 1967/68, are likely to continue small in 1968/69.

Increased Domestic Use

Domestic food use totaled 25 million cwt. in 1967/68, continuing a long-time uptrend. In the current season, food use is likely to edge further upward to set another record. Brewers' use of rice, heavy in 1967/68, also may continue heavy; it could exceed last year's 5.4 million cwt. by 10 percent. Seed use likely will be around 3 million cwt. to seed the 2,142,000 acres producers indicated they intended to plant on the basis of the March 1 Crop Report. Thus, total domestic disappearance in 1968/69 is likely to be about a million cwt. more than last season's 33.6 million.

Large Export Availability

Subtracting prospective domestic use this marketing year from the total beginning supply leaves nearly 78 million cwt. available for export and carryover in 1968/69. This is 21 percent more than last year. Of the 64 million cwt. available last season, nearly 57 million was exported, with the remainder going into carryover. Exports for dollars accounted for nearly 35 million cwt., setting a new record.

U.S. exports for August-December 1968 totaled 19.6 million cwt., slightly above a year earlier. Thus, after deducting estimated domestic use for the entire year, the availability for export and carryover on January 1, 1969, had been reduced to 58 million cwt.

For the rest of the marketing year, exports are likely to continue fairly strong, but much depends on availability of rice from Thailand and Burma and on import requirements in South Vietnam and Indonesia. Thailand and Burma declined in importance as exporters in calendar 1968 due to small crops, but they appear

^{1/} Data in this and the outlook section are in rough rice equivalent.

to have better crops this year. Import needs of South Vietnam, the major taker of U.S. rice in 1967/68, are down sharply. Japan--formerly the world's biggest commercial buyer of rice--has a large supply. It has drastically reduced imports and may become a net exporter. In addition, the dock strike on the East and Gulf Coasts halted rice exports from the South for more than 2 months. It may be difficult to regain all of the dollar business lost this season.

Sizable Increase In Carryover

Export developments will mainly determine how much bigger the U.S. carryover on July 31 will be. Exports were only slightly above last year's pace during August-December, and for the entire marketing year will not be large enough to prevent a large increase in carryover. Thus, the carryover on August 1, 1969, may be 2 to 3 times as large as the relatively low level of 6.8 million cwt. last summer.

Prices Decline

With the large 1968 crop and disappointing growth in exports, farm prices of rice have followed an unusual pattern

this year. Typically, rough rice prices reach their low for the season during harvest. From that time on they increase. For the current crop year, however, farm prices were at their highest during July and November (table 13). The pickup in prices in July stemmed from the small carryover, and the late harvest in the South. The price spurt in November resulted from large purchases to meet export needs partly in anticipation of the dock strike. Since a large portion of the rice crop is sold off farms during the early months of the marketing year, the relatively high prices early this season have resulted in a preliminary estimate of the season-average farm price for 1968/69 of \$5.00 per cwt. The price in 1967/68 was \$4.97 per cwt. (table 1).

Loan Activity Up Sharply

Use of the loan program, extensive in the early months of this marketing year, has become even more pronounced with declining prices. Through February, 22 million cwt. of rice had been placed under loan while only 5 million had been redeemed. The 17 million cwt. remaining under loan at the end of February was nearly twice that of a year earlier.

OUTLOOK FOR 1969

1969 Allotment Reduced

The acreage allotment for the 1969 crop of rice is 2,160,542 acres, 10 percent smaller than the 1968 allotment.

The reduced 1969 acreage allotment was mainly in response to excellent domestic and world rice crops in 1968. With increased production abroad and prospects of reduced Vietnam requirements, some reduction of U.S. acreage was necessary. In 1968 the allotment was increased to 2.4 million acres, primarily to meet expected Vietnam requirements. It was 2 million for 1966 and for 1967. By law, the minimum U.S. rice allotment without an acreage diversion program is 1.8 million acres.

Marketing quotas were proclaimed for the 1969 crop and a mail referendum on quotas was held from January 20 through January 24, 1969. Quotas have been in effect since the 1955 crop. They were approved for the 1969 crop by a favorable vote of 93.4 percent, compared with a 95.6 percent approval for the 1968 crop. To be effective, quotas must be approved by two-thirds of the rice growers voting in the referendum. Growers who exceed their allotments are subject to a marketing quota penalty on their excess production.

The minimum national average 1969-crop support price is \$4.65 per cwt., or 5 cents over 1968. This increase reflects the legal requirement that rice price support shall not be less than 65 percent

of parity as of August 1, 1969. The parity price has increased steadily in recent years; for March 1969 it stood at \$7.12 per cwt. for rice. This places the announced \$4.65 per cwt. at 65.3 percent of parity. If parity for August increases from the February level, as it did last year, the national average loan will have to be increased (table 13).

By law, the Secretary must proclaim quotas for a forthcoming crop year along with a referendum when the total supply of rice for the current marketing year exceeds the normal supply. The total supply of 112.1 million cwt. for 1968/69 exceeds the computed normal supply of 106.3 million; thus the marketing quota proclamation for 1969-crop rice. The 1969 acreage allotment must be at such level as to produce a crop that when added to the 1968/69 carryover, will equal domestic and export use plus a 10 percent allowance for carryover. This figure has been determined to be 108.7 million cwt. When adjusted for carryover and based on the 5-year average yield, this results in the 10 percent acreage reduction from 1968.

Modest Changes In Value Factors

The value factor for 1969-crop long grain rice was reduced 4 cents from

the \$8.12 per cwt. applicable to the 1968 crop. Medium grain and short grain value factors were increased slightly. As a result, the differential between long grain rice and the other types has been narrowed (table 11). The value factors are used to determine the differential between the various types of rice. Changes are made in the factors because of changing supply-use relationships between the various types of rice.

Planting Intentions Down; Supply May Still Rise

Rice producers intend to plant 2,142,000 acres to rice in 1969, according to the March Planting Intentions Report. In 1968, there were 2,372,300 acres planted when the acreage allotment was 2,400,602 acres. Average yields with an allowance for trend on intended acreage would result in a total rice production for 1969 of 101 million cwt., 4 percent below 1968 but the second largest of record.

Should the 1969 rice crop total as much as 101 million cwt., and the carryover this summer fall in the range of 13 to 20 million cwt., the rice supply of 1969/70 would be slightly larger than the record 112 million in 1968/69.

ROUGH RICE SITUATION

Milling Up Slightly In Early 1968/69

During August-December 1968, about 37 million cwt. of rough rice was milled, up only around a million from the same months in 1967 (table 2). With total rough rice supply in 1968/69 at 108.8 million cwt., stocks of rough rice on January 1, 1969, are placed at nearly 72 million cwt., sharply above the 56.9 million of January 1, 1968.

Supply and Distribution Increased In 1967/68

Rough rice supplies in the United States for the 1967/68 season totaled a

record 95.6 million cwt., an increase of 5 million over the previous season. The 1967 Southern rice crop totaled 71.8 million cwt., up 7 million from 1966 while the 1967 California crop at 17.6 million was down 2 million. Disappearance of rough rice was at a high level, reflecting increased milling and seed requirements. Exports of rough rice continued light, with most shipments going to Venezuela. Stocks of rough rice at the beginning of the 1967/68 season totaled 6.2 million cwt., but dropped to 3.5 million at the close of the season (table 2).

Loan Activity Rose

Farmers put nearly 16.4 million cwt. of 1967-crop rice under price support loan. Over half of this was in Arkansas, with large quantities also in Texas and Mississippi. Because of advancing prices, very little of the rice put under loan was delivered to Commodity Credit Corporation. Deliveries totaled only 36,000 cwt., of which 26,000 was Bluebonnet, mostly in Arkansas.

Farm Prices Up

Average prices received by farmers for rough rice in 1967/68 were slightly higher than the previous year in Arkansas, Louisiana, and Mississippi due in part to the stronger demand for medium grain rice. Farm prices in Texas averaged slightly below the previous season, as prices for long grain rice were off. The U.S. average farm price for rough rice in 1967/68 was \$4.97 per cwt., 42 cents over the national average loan.

MILLED RICE SITUATION

Mill production of rice during August-December 1968 was up only slightly from the 26 million cwt. of a year earlier (table 2). Along with increased milled rice stocks on August 1, 1968, total milled rice supply during August-December was raised by over 1.5 million cwt.

The Crop Reporting Board did not report stocks of rice on January 1, but mill stocks were probably somewhat larger than in January 1968, based on known and estimated disappearance items (table 2). Brewers' use of rice during August-December 1968 was running above a year earlier as were shipments to the Territories.

Total exports for August-December 1968 were only slightly larger than the 13.6 million cwt. of the same period a year earlier, but there were important shifts by destination. Shipments to South Vietnam, the major taker of U.S. rice in 1967, were off sharply--down to 1.6 million cwt. from 4.1 million. But shipments to Indonesia in August-December 1968 totaled 3.9 million cwt. compared with 1.4 million a year earlier--offsetting the decline in Vietnam's takings. Exports to the United Kingdom and the EEC were up sharply in August-December 1968, while exports to Hong Kong dropped from around a million cwt. to almost nothing (table 22).

Disappearance of milled rice during the 1967/68 season at 63.4 million cwt. was record high. Domestic use was well above any previous year. The

quantity of milled rice used for domestic food totaled 15.4 million cwt. This was 6 percent above the previous season and 13 percent above the 5-year average. Per capita consumption reached 7.8 pounds, also above any recent year. Shipments of milled rice to territories, mainly Puerto Rico, dipped slightly. Breweries used nearly 4 million cwt. of milled rice, second largest of record and 23 percent above the 1959-63 average.

Record Exports

Exports of fully milled and brown rice totaled 41.2 million cwt. last season, or nearly two-thirds of the total production of milled rice. Around a third of the exports, 14.0 million cwt., went to South Vietnam. The major portion of this was medium grains moving from the Southern United States. Movement through California ports, 6.6 million cwt. to the Republic of Korea, took most of the exportable surplus out of that market. Only token movements to Japan reflected its attainment of self-sufficiency. Sharp decreases were recorded in exports to Peru, India, the Philippines and Ghana, but exports to Hong Kong were up sharply. Volume to the European countries showed little change from previous years. West Germany and the United Kingdom each took over 1 million cwt. The bulk of this, 56 percent as compared with about 40 percent in recent years, was long grain brown rice from the South.

Market Prices High

U.S. prices for milled rice generally advanced throughout the year as shortages of supplies in world markets resulted in higher world market prices. Export demand was strongest for medium and short grain rice. Prices of long grain varieties advanced gradually after

the normal downturn at harvest. A firm demand for long grain moved prices upward during the year, and by July 1968 they were 25 to 35 cents per cwt. above a year earlier. Medium grain varieties held steady the first half of the season with generally ample supplies, but a strong export demand developed--reducing available supplies and tending to boost prices.

WORLD RICE SITUATION 2/World CropOff Slightly

The 1968/69 world rice crop (excluding Communist Asia) is estimated at 181 million metric tons of rough rice. This is slightly below last year's record 183 million tons, but still 13 percent larger than the 1960-64 average. World acreage in rice continues to expand and is estimated at 238 million acres, about 1 percent above the 1967/68 record. Acreage was larger in most areas except for Africa. Record yields per acre are being reported in all major world areas. But yields in some Asian countries are expected to be off.

Trade and Price
Developments

The international market for rice has continued to ease. Prices in exporting countries have moved downward as new crop supplies have become available. Thai 100 percent white rice sold for \$190 per metric ton in January 1969. This was below the \$226 per ton a year earlier. However, it was an increase from the \$185 in December 1968. This moderate pickup reflects the fact that world exportable supplies in 1969 may be only slightly above those in 1968, in contrast to earlier expectations of a sizeably larger supply.

The United States remained the largest exporter of rice last year as Thailand slipped again. U.S. shipments rose to a record 1.9 million tons while Thailand's dropped to about 1.0 million tons. The export availability of the 3 leading exporters (United States, Thailand,

and Mainland China) is likely to be higher in 1969, with the United States continuing to lead in exports. Thailand is expected to make a recovery in the export market this year, while Mainland China should be able to maintain exports at around the recent level of 1 million tons. The expansion of new rice varieties plus favorable weather, may result in less strength in world import demand. Another major factor affecting the world export market this year will be the switch of Japan from an importer to possibly an exporter; its production has climbed sharply, and domestic use has slipped.

The Major Exporters

The United States in 1968 had a record crop of 4.8 million tons, 18 percent above a year earlier. Rice availability for export in 1968/69 is up from the 1.9 million tons shipped in the 1967/68 crop year. With exports gaining only slightly, there will probably be an increase in carryover.

Thailand's 1968/69 crop is now estimated at 12.4 million tons. In recent months the crop has been plagued by insects and drought. Up to 1 million tons (milled basis) may be available for export from the current crop plus another 500,000 or so from last year's. This 1.2 to 1.5 million tons would compare with only 1.0 million exported in 1968. However, export business has been off somewhat and there is concern about where the remaining exportable surplus will go.

2/ Data in this section are in metric tons. Unless otherwise stated, data are for milled rice and on a calendar year.

Burma is harvesting its second largest crop on record in 1968/69, an estimated 8.3 million tons. This substantially exceeds the crops of the past 2 years. Exports are expected to recover from last year's level when they were limited because of domestic problems. A larger carryin, plus supplies from the new crop, should give Burma an export availability of from 600,000 to 700,000 metric tons of rice this year, providing the Government procurement program is successful.

Of all the Asian exporters, Cambodia has been most seriously affected by drought. Estimates have placed the crop at 1.8 million tons (rough) down from last year's 2.5 million tons. This could result in domestic shortages. The failure of Cambodia's incentive program to spur production was also given as a reason for this year's decline.

Taiwan's 1968/69 rice crop of a little over 3.3 million tons (rough basis) is over 100,000 tons above the preceding year. This should give Taiwan an exportable surplus of some 200,000 tons, but the loss of its most important customer--Japan--raises concern over who will buy this volume.

The Philippines has also become self-sufficient in rice. A large 1967/68 crop of 4.4 million tons satisfied domestic need and left 50,000 tons for export. Although a larger crop and an increased export availability has been predicted for 1968/69, recent unfavorable weather may dim this outlook.

West Pakistan is a surplus producer, although East Pakistan is in a deficit position. Production estimates for West Pakistan run as high as 3.2 million tons (rough basis). If this is correct the country could have an exportable surplus of 600,000 tons, the majority of which would be the IR-8 rice variety. Current plans call for shipment of at least 100,000 tons of IR-8 to East Pakistan and the export of 200,000 tons of high quality Basmati rice to Saudi Arabia, Kuwait, the USSR, and other countries.

Japan, favored with 2 good rice crops may be a net exporter this year. This year's crop is expected to be close to last year's large harvest of 18 million tons. Not only has there been an expansion in production, but changes in consumption habits have reduced per capita consumption and stocks are building up. This surplus could cause some storage and disposal problems. It has been reported that Japan recently signed a long-term credit contract with South Korea for exporting 300,000 tons of rice.

Outside of Asia, Italy had a crop of 750,000 tons, little changed from that of 1967/68. Thus, the exportable surplus will be close to last year's 200,000 tons, with most going into the EEC and other European countries. The U.A.R., with a 1968/69 crop of 2.3 million tons, should have about 650,000 tons available for export.

The 1968/69 crop in Mainland China is estimated to be slightly below last year's 86.0 million tons. However, exports may continue at about the level of past years--about 1 million tons. Mainland China, like other exporters, is also faced with the loss of its Japanese market which in the past accounted for up to 200,000 tons.

The Major Importers

Rice production in India, the Free World's largest producer, is estimated at 57 million tons (rough basis), or 7 percent below last season's crop. This is still the third largest crop of record. The decline could mean that India this year may be taking a little more rice than last year.

Indonesia's 1968/69 crop of 15.6 million tons (rough basis) is up substantially from that of a year ago. Although they are striving for self-sufficiency it will likely take several more years. Meanwhile, in 1968/69, they may import about 700,000 tons of milled rice, including 300,000 tons from the United States under PL-480.

Hong Kong normally imports about 350,000 tons of rice. However, import requirements may be less this year because of large stocks and a steadily declining consumption level. A sizable part of Hong Kong's imports usually come from Thailand and Mainland China.

Malaysia's rice situation has improved considerably during the past 2 years. Import requirements have steadily been declining as improved technology and varieties have pushed up production. Malaysia may attain self-sufficiency in the near future, but in the meantime it is expected to import some 300,000 tons of rice this year.

Singapore has long been an important middleman in world rice trade--acting both as an importer and an exporter.

Recently there has been a buildup in stocks which have been difficult to move. However, import needs are expected to be about the same this year, with Thailand getting a larger share of the market.

Drought has again affected the South Korean rice crop, and production is now expected to drop to 4.4 million tons (rough basis). This would be sharply below the 5.3 million of 1966/67 and the 4.9 million of 1967/68. Imports are expected to increase, with the bulk coming from the United States. Last year, South Korea imported 308,000 tons of U.S. rice.

Ceylon, another major importer in Asia, is expecting a larger crop, totaling 1.3 million tons. This would mean another decline in its import needs.

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The Rice Situation is published in
March and October.

The next issue is scheduled for release
on October 7, 1969.

Table 2.--Rice, rough and milled: Supply and distribution, U.S.,
average 1959-63, annual 1964-67, Aug.-Dec. 1967-68

Rough Rice	Year beginning August					Aug.-Dec.	
	1959-63 average	1964	1965	1966	1967 1/	1967 1/	1968 1/
	1,000 cwt.						
Beginning carryover	6,204	5,187	4,905	5,480	6,197	6,197	3,460
Farm production	59,750	73,166	76,281	85,020	89,379	89,379	105,322
Supply	65,954	78,353	81,186	90,500	95,576	95,576	108,782
Seed	2,280	2,464	2,702	2,688	3,217	0	0
Exports	218	126	169	161	205	69	48
Used by mills	57,202	70,974	70,595	80,210	88,116	36,008	37,023
Total disappearance	59,700	73,564	73,466	83,059	91,538	36,077	37,071
Ending carryover	5,827	4,905	5,480	6,197	3,460	56,868	2/71,711
Statistical discrepancies 3/	+427	-116	+2,240	+1,244	+578	+2,631	
Milled Rice	1959-63 average	1964	1965	1966	1967 1/	Aug.-Dec.	
						1967 1/	1968 1/
	1,000 cwt.						
Beginning carryover	2,807	1,692	1,995	1,991	1,684	1,684	2,418
Mill production	40,787	51,041	50,942	58,382	64,080	26,057	26,893
Imports	213	338	482	6	5	2	2
Supply	43,807	53,071	53,419	60,379	65,769	27,743	29,313
Food							
Shipments to territories	2,957	2,820	2,752	2,764	2,605	611	1,109
Used by military	121	154	82	100	148	62	62
Civilian consumption	12,177	14,518	14,068	14,571	15,427	7,409	4/7,450
Total Food	15,255	17,492	16,902	17,435	18,180	8,082	8,621
Used by brewers	3,202	3,095	3,391	3,828	3,952	1,569	1,747
Exports	23,403	30,489	31,135	37,432	41,219	13,682	14,188
Total disappearance	41,860	51,076	51,428	58,695	63,351	23,333	24,556
Ending carryover	1,947	1,995	1,991	1,684	2,418	4,410	2/4,757
Per capita civilian consumption (pounds)	6.7	7.6	7.3	7.5	7.8	---	---

1/ Preliminary.

2/ January 1, 1969 stocks not reported by SRS, computed balance remaining on January 1, 1969, after known and estimated disappearance for August-December is deducted.

3/ Results from loss, waste, the variance in conversion factors, the lack of data on other uses, and the different crop years for the two rice areas.

4/ Assumed per capita civilian consumption at 1967/68 level.

Table 3.--Rice: Acreage, yield and production, by States, 1967 and 1968

State	Acreage				Yield per harvested acre		Production	
	Planted		Harvested		1967	1968	1967	1968
	1967	1968	1967	1968				
		1/		1/		1/		1/
	----- 1,000 acres -----				--- Pounds ---		--- 1,000 cwt. ---	
Southern States:								
Missouri	5.2	6.6	5.1	6.4	4,600	4,500	235	288
Mississippi	56	68	55	67	4,300	4,300	2,365	2,881
Arkansas	482	578	477	572	4,550	4,350	21,704	24,882
Louisiana	567	681	565	679	3,900	3,900	22,035	26,481
Texas	510	599	508	597	5,000	4,600	25,400	27,462
Total Southern	1,602.2	1,932.6	1,610.1	1,921.4	4,456	4,267	71,739	81,994
California	362	434	360	432	4,900	5,400	17,640	23,328
Total United States 2/	1,982.2	2,366.6	1,970.1	2,353.4	4,537	4,475	89,379	105,322

1/ Preliminary. 2/ Total U.S. acreage and production reported by the Statistical Reporting Service. Excludes acreage and production in the minor southern States.

Table 4.--Rice, rough: Acreage, yield and production, Southern States, California and United States, 1950-68

Crop year	Harvested acreage			Average yield per harvested acre			Production		
	Southern States	California	United States	Southern States	California	United States	Southern States	California	United States
	1/		1/	1/		1/	1/		1/
	----- 1,000 acres -----			----- Pounds -----			----- 1,000 cwt. -----		
1950	1,401	238	1,639	2,182	3,475	2,370	30,570	8,270	38,840
1951	1,673	324	1,997	2,118	3,300	2,310	35,430	10,692	46,122
1952	1,666	337	2,003	2,195	3,475	2,411	36,567	11,711	48,278
1953	1,740	425	2,165	2,333	2,900	2,445	40,599	12,325	52,924
1954	2,078	477	2,555	2,507	2,550	2,515	52,090	12,164	64,254
1955	1,501	329	1,830	2,973	3,450	3,058	44,619	11,350	55,969
1956	1,285	286	1,571	2,918	4,200	3,151	37,491	12,012	49,503
1957	1,115	226	1,341	2,981	4,300	3,203	33,236	9,718	42,954
1958	1,166	249	1,415	2,890	4,450	3,164	33,695	11,080	44,775
1959	1,302	285	1,587	3,104	4,650	3,382	40,417	13,252	53,669
1960	1,307	288	1,595	3,125	4,775	3,423	40,839	13,752	54,591
1961	1,299	290	1,589	3,101	4,800	3,411	40,278	13,920	54,198
1962	1,450	323	1,773	3,452	4,950	3,726	50,057	15,988	66,045
1963	1,447	324	1,771	3,888	4,325	3,968	56,256	14,013	70,269
1964	1,459	327	1,786	3,883	5,050	4,098	56,652	16,514	73,166
1965	1,466	327	1,793	4,110	4,900	4,255	60,258	16,023	76,281
1966	1,607	360	1,967	4,058	5,500	4,322	65,220	19,800	85,020
1967	1,610	360	1,970	4,456	4,900	4,537	71,739	17,640	89,379
1968 2/	1,921	432	2,353	4,268	5,400	4,476	81,994	23,328	105,322

1/ Southern States consist of Texas, Louisiana, Arkansas, Mississippi and Missouri reported by SRS. Include acreage and production in minor States through 1959. The acreage and production including the minor States are also used to compute yields through 1959.

2/ Preliminary.

Table 5.--Rice, rough equivalent: Support rates with comparisons, quantity pledged and delivered to Commodity Credit Corporation, stocks owned by CCC, and loans outstanding, 1948-68

Crop of-	National average support rate per cwt.	Season average price per cwt. received by farmers 1/		Placed under price support:			Delivered to CCC	At year end July 31					Privately held ("free") stocks
		Actual	Above support	Loans	Purchase agreements	Total		CCC stocks and loans outstanding		Total			
								Total carry-over	Stocks owned by CCC 2/		Under loan 2/		
		Dollars			1,000 cwt.								
1948	4.08	4.88	.80	153	3,565	3,718	611	2,505	11	1	12	2,493	
1949	3.96	4.10	.14	1,865	6,282	8,147	3,043	3,469	459	218	677	2,792	
1950	4.56	5.09	.53	217	575	792	26	4,519	378	17	395	4,124	
1951	5.00	4.82	-.18	4,008	1,843	5,851	518	2,040	226	1	227	1,813	
1952	5.04	5.87	.83	209	---	209	---	1,515	2	6	8	1,507	
1953	4.84	5.19	.35	1,808	2,666	4,474	3,170	7,546	917	283	1,200	6,346	
1954	4.92	4.57	-.35	17,552	12,923	30,475	25,141	26,700	15,856	2,589	18,445	8,255	
1955	4.66	4.81	.15	15,557	10,703	26,260	23,475	34,618	27,062	312	27,374	7,244	
1956	4.57	4.86	.29	13,304	10,423	23,727	16,771	19,956	12,507	48	12,555	7,401	
1957	4.72	5.11	.39	6,977	6,590	13,567	11,007	18,169	12,003	9	12,012	6,157	
1958	4.48	4.68	.20	8,306	3,280	11,586	6,575	15,669	9,421	34	9,455	6,214	
1959	4.38	4.59	.21	9,369	2,935	12,304	7,034	12,144	6,864	3	6,867	5,277	
1960	4.42	4.55	.13	7,825	5,280	13,105	4,876	10,080	4,124	8	4,132	5,948	
1961	4.71	5.14	.43	4,292	2,081	6,373	34	5,329	314	---	314	5,015	
1962	4.71	5.04	.33	5,602	6,622	12,224	1,841	7,730	1,852	8	1,860	5,870	
1963	4.71	5.01	.30	5,884	4,139	10,023	771	7,539	1,435	---	1,435	6,104	
1964	4.71	4.90	.19	7,629	3/99	7,728	787	7,677	1,041	3	1,044	6,633	
1965	4.50	4.93	.43	9,813	184	9,997	403	8,239	614	7	621	7,618	
1966	4.50	4.95	.45	14,367	5	14,372	117	8,511	140	92	232	8,279	
1967	4.55	4.97	.42	16,356	---	16,356	36	6,785	82	4	86	6,699	
1968 4/	4.60	5.00	.40	5/17,035									

1/ U.S. season average prices are the result of weighting State season averages, including allowances for unredeemed loans at the average rate, by estimated marketings. 2/ May include small quantities of new-crop rice in last few years. 3/ Beginning 1964, new concept included only direct purchases. 4/ Preliminary. 5/ Through February 28.

Table 6.--Rice: Monthly average price at Southwest Louisiana, 1963-68

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	Dollars												
	Milled, Long-grain Second Head, per 100 pounds, bagged 1/												
1963	5.80	6.00	6.00	---	---	6.00	6.00	6.15	6.15	6.00	6.00	6.00	6.00
1964	5.75	5.65	5.75	5.90	5.95	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.85
1965	5.70	5.70	5.75	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.85
1966	5.85	5.75	5.75	5.75	5.75	5.75	5.75	5.95	6.00	6.00	6.00	6.00	5.85
1967	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
1968	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
	Milled, Short-grain Second Head, per 100 pounds, bagged 1/												
1963	5.80	6.00	6.00	---	---	6.00	6.00	6.05	6.05	6.00	6.00	6.00	6.00
1964	5.75	5.65	5.75	5.90	5.95	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.85
1965	5.70	5.65	5.75	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.85
1966	5.85	5.75	5.75	5.75	5.75	5.75	5.75	5.95	6.00	6.00	6.00	6.00	5.85
1967	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
1968	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
	Rice Bran, f.o.b. mills, per ton 2/												
1963	34.15	31.30	36.40	39.55	42.20	43.20	35.50	30.00	29.50	29.40	30.00	32.50	34.45
1964	31.80	30.00	31.75	34.40	41.45	42.40	40.65	37.20	34.15	33.50	35.30	35.00	35.65
1965	36.40	37.00	37.50	37.10	38.50	40.80	42.25	43.25	43.25	39.50	34.90	35.15	38.80
1966	38.00	38.30	39.10	43.25	47.75	47.70	46.25	42.25	35.50	34.40	40.25	40.20	41.10
1967	39.75	31.75	34.00	34.00	36.90	38.60	37.25	36.00	35.50	35.00	35.50	31.00	35.45
1968	32.00	25.10	25.00	25.50	33.40	35.50	35.50						
	Rice Millfeed, f.o.b. mills, per ton, bagged												
1963	16.65	17.00	17.10	18.20	20.75	21.65	18.15	17.90	15.40	14.25	14.00	15.00	17.15
1964	15.25	15.50	15.50	15.50	16.25	17.50	18.25	16.90	16.15	15.00	15.00	15.00	16.00
1965	15.00	15.25	15.50	15.50	16.90	17.30	17.50	17.50	17.50	17.25	17.00	17.00	16.60
1966	17.40	18.00	18.10	19.50	22.15	23.60	23.65	19.90	16.90	17.20	17.00	17.00	19.20
1967	17.75	17.50	18.80	18.50	19.00	19.20	18.90	18.50	17.40	14.75	16.00	16.60	17.75
1968	17.00	16.30	15.50	15.75	17.50	18.00	19.50						

1/ U.S. No. 4 or better at southern mills. 2/ Beginning July 1968, prices quoted as bulk. Prior to July 1968, prices are bagged.

Table 7.--Rice, rough: Estimated production, by type of grain and principal variety, 1963-68 ^{1/}

Type and variety	1963	1964	1965	1966	1967	1968 ^{2/}
<u>Long grain:</u>						
Bluebonnet	16,893	15,218	15,981	16,460	15,534	9,553
Belle Patna	6,809	11,582	14,501	15,253	11,834	10,037
Toro	499	476	595	485	161	316
Rexoro and Patna	1,012	183	557	195	241	200
Century Patna	604	205	198	212	107	10
Bluebelle	---	---	69	3,146	13,398	20,780
Vegold	---	44	38	298	250	53
Starbonnet	---	---	---	---	170	5,045
Dawn	---	---	---	51	1,645	3,328
Total	25,817	27,708	31,939	36,100	43,340	49,322
<u>Medium grain:</u>						
Nato	27,510	26,552	26,118	19,691	15,588	14,292
Roses	6,662	8,985	8,696	10,041	9,545	12,713
Nova	35	768	397	935	1,332	1,843
Saturn	---	22	366	8,578	11,360	15,598
Zenith	56	22	31	---	---	---
Magnolia	---	---	---	---	---	---
Total	34,263	36,349	35,608	39,245	37,825	44,446
<u>Short grain</u>						
	10,189	9,109	8,734	9,675	8,214	11,554
Total U.S. production	70,269	73,166	76,281	85,020	89,379	105,322

^{1/} Percentage distribution by varieties, based on reports of the Rice Millers Association, was applied to total production in major rice-producing States, as reported by the Crop Reporting Board.

^{2/} Preliminary.

Table 8.--Rice, milled heads (including brown): U.S. mill production by type, 1963-67

Year beginning August	Long Grain	Medium Grain	Short Grain	Total
	<u>1,000 cwt.</u>			
Arkansas				
1963	5,733.2	5,344.4	8.8	11,086.4
1964	5,407.3	6,134.0	5.8	11,547.1
1965	6,693.8	4,758.6	147.6	11,600.0
1966	7,913.9	5,096.6	131.3	13,141.8
1967	8,767.9	5,152.8	134.4	14,055.1
Louisiana				
1963	2,688.7	7,152.9	---	9,841.6
1964	2,817.9	6,844.9	---	9,662.8
1965	3,078.6	6,599.8	---	9,678.4
1966	2,680.5	8,535.6	---	11,216.1
1967	3,446.8	9,433.4	---	12,880.2
Texas				
1963	6,117.7	5,148.2	---	11,265.9
1964	7,554.5	4,540.6	---	12,095.1
1965	9,245.1	4,399.9	---	13,645.0
1966	9,547.6	3,738.4	---	13,286.0
1967	11,490.9	2,881.0	---	14,371.9
Total South				
1963	14,539.6	17,645.5	8.8	32,193.9
1964	15,779.7	17,519.5	5.8	33,305.0
1965	19,017.5	15,758.3	147.6	34,923.4
1966	20,142.0	17,370.6	131.3	37,643.9
1967	23,705.6	17,467.2	134.4	41,307.2
California				
1963	---	3,239.8	6,463.2	9,703.0
1964	---	4,348.4	4,845.0	9,193.4
1965	---	3,655.3	4,283.4	7,938.7
1966	---	7,889.5	4,369.7	12,259.2
1967	---	6,441.2	6,657.1	13,098.3
Total United States:				
1963	14,539.6	20,885.3	6,472.0	41,896.9
1964	15,779.7	21,867.9	4,850.8	42,498.4
1965	19,017.5	19,413.6	4,431.0	42,862.1
1966	20,142.0	25,260.1	4,501.0	49,903.1
1967	23,705.6	23,908.4	6,791.5	54,405.5

Based on reports from the Rice Millers Association and San Francisco Rice Market News.

Table 9.--Rice, milled: Composition of U. S. production, 1938/39 to 1967/68

Year beginning August	Heads 1/			2nd Heads 2/			Screenings 2/			Brewers		
	Total milled rice production	Quantity	Percent of total	Quantity	Percent of total	Quantity	Percent of total	Quantity	Percent of total	Quantity	Percent of total	Total Broken Percent of total
	--- 1,000 cwt. ---	1,000 cwt.	Percent	1,000 cwt.	Percent	1,000 cwt.	Percent	1,000 cwt.	Percent	1,000 cwt.	Percent	1,000 cwt.
1938/39	15,177	12,089	79.7	914	6.0	1,169	7.7	1,005	6.6	1,005	6.6	3,088
1939/40	16,027	12,577	78.5	1,024	6.4	1,254	7.8	1,172	7.3	1,172	7.3	3,450
1940/41	16,317	12,766	78.2	1,004	6.2	1,266	7.8	1,281	7.8	1,281	7.8	3,551
1941/42	15,191	11,936	78.6	1,014	6.7	1,266	8.3	975	6.4	975	6.4	3,255
1942/43	17,542	13,967	79.6	1,299	7.4	1,412	8.1	864	4.9	864	4.9	3,575
1943/44	17,724	14,301	80.7	1,706	9.6	1,155	6.5	562	3.2	562	3.2	3,423
1944/45	18,512	14,674	79.3	1,884	10.2	1,277	6.9	677	3.7	677	3.7	3,838
1945/46	19,433	16,028	82.5	1,642	8.4	1,140	5.9	623	3.2	623	3.2	3,405
1946/47	20,697	17,144	82.8	1,649	8.0	1,305	6.3	599	2.9	599	2.9	3,553
1947/48	21,891	16,468	75.2	2,538	11.6	1,764	8.1	1,121	5.1	1,121	5.1	5,423
1948/49	23,510	17,164	73.0	2,880	12.2	2,157	9.2	1,309	5.6	1,309	5.6	6,346
1949/50	25,727	19,363	75.3	2,683	10.4	2,023	7.9	1,658	6.4	1,658	6.4	6,364
1950/51	24,775	18,691	75.4	2,724	11.0	1,858	7.5	1,502	6.1	1,502	6.1	6,084
1951/52	31,286	23,673	75.7	3,128	10.0	2,637	8.4	1,848	5.9	1,848	5.9	7,613
1952/53	31,318	23,951	76.5	3,167	10.1	2,103	6.7	2,097	6.7	2,097	6.7	7,367
1953/54	31,821	23,305	73.2	3,459	10.9	2,470	7.8	2,587	8.1	2,587	8.1	8,516
1954/55	36,180	25,743	71.2	3,936	10.9	3,025	8.4	3,476	9.6	3,476	9.6	10,437
1955/56	28,288	20,811	73.6	2,766	9.8	1,884	6.7	2,827	10.0	2,827	10.0	7,477
1956/57	35,174	27,386	77.9	3,055	8.7	1,887	5.4	2,846	8.1	2,846	8.1	7,788
1957/58	30,523	23,497	77.0	2,618	8.6	1,743	5.7	2,665	8.7	2,665	8.7	7,026
1958/59	30,438	23,474	77.1	2,576	8.5	1,601	5.3	2,787	9.2	2,787	9.2	6,964
1959/60	34,896	28,078	80.5	2,696	7.7	1,845	5.3	2,277	6.5	2,277	6.5	6,818
1960/61	36,928	30,540	82.7	2,608	7.1	1,766	4.8	2,014	5.4	2,014	5.4	6,388
1961/62	39,688	33,013	83.2	2,914	7.3	1,567	4.0	2,194	5.5	2,194	5.5	6,675
1962/63	43,275	35,825	82.8	3,388	7.8	1,943	4.5	2,119	4.9	2,119	4.9	7,450
1963/64	49,146	41,897	85.3	3,163	6.4	1,983	4.0	2,103	4.3	2,103	4.3	7,249
1964/65	51,041	42,499	83.3	3,709	7.3	2,324	4.5	2,509	4.9	2,509	4.9	8,542
1965/66	50,942	42,862	84.1	3,558	7.0	2,097	4.1	2,425	4.8	2,425	4.8	8,080
1966/67	58,382	49,903	85.5	4,074	7.0	2,045	3.5	2,360	4.0	2,360	4.0	8,479
1967/68	64,080	54,406	84.9	4,626	7.2	2,364	3.7	2,684	4.2	2,684	4.2	9,674

1/ Includes brown rice.

2/ Production estimated for California.

Based on reports from the Rice Millers Association and San Francisco Rice Market News.

Table 10.--Rice, milled: U.S. production and imports of small brokens, and quantity consumed by domestic breweries, 1934-1967

Year beginning August	Screenings produced	Brewers produced	Brokens imported	Production and imports of small brokens	Used at breweries 2/ 1/
				1,000 cwt.	
1934	862	915	393	2,170	1,397
1935	859	625	505	1,989	1,163
1936	1,005	1,305	1,792	4,102	2,507
1937	1,180	1,157	900	3,237	2,456
1938	1,169	1,005	704	2,878	1,983
1939	1,254	1,172	444	2,870	1,901
1940	1,266	1,281	231	2,778	2,039
1941	1,266	975	85	2,326	1,647
1942	1,412	864	93	2,369	1,555
1943	1,155	562	53	1,770	1,888
1944	1,277	677	3/	1,954	2,154
1945	1,140	623	88	1,851	2,359
1946	1,305	599	6	1,910	1,747
1947	1,764	1,121	19	2,904	3,147
1948	2,157	1,309	37	3,503	2,989
1949	2,023	1,658	42	3,723	3,276
1950	1,858	1,502	544	3,904	3,367
1951	2,637	1,848	389	4,874	3,395
1952	2,103	2,097	243	4,443	3,165
1953	2,470	2,587	290	5,347	3,170
1954	3,025	3,476	45	6,546	3,882
1955	1,884	2,827	135	4,846	4,176
1956	1,887	2,846	268	5,001	3,549
1957	1,743	2,665	164	4,572	3,348
1958	1,601	2,787	114	4,502	3,278
1959	1,845	2,277	550	4,672	3,488
1960	1,766	2,014	203	3,983	3,482
1961	1,567	2,194	274	4,035	3,361
1962	1,943	2,119	22	4,084	2,911
1963	1,983	2,103	7	4,093	2,767
1964	2,324	2,509	323	5,156	3,095
1965	2,097	2,425	478	5,000	3,391
1966	2,045	2,360	0	4,405	3,828
1967	2,364	2,684	0	5,048	3,952

1/ Additional quantities of small brokens may have been made available in some years by grinding second heads into brewers rice.

2/ Complete carryover stocks of brewers rice are not available and therefore, total supply cannot be calculated. As a result, brewery use of rice may exceed total production and imports of small brokens.

3/ Less than 500 cwt.

Based on reports from the Rice Millers Association and San Francisco Rice Market News.

Table 11.--Rice: Value factors for computing support rates, U. S. average support rate, and parity rate, 1965-69

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Group and Variety	1965	1966	1967	1968		1969
				by type	of grain	by type
					l/	
					Cents per lb.	
Head Rice						
I Patna (except Belle Patna and Century Patna), and Rexoro (except Rexark)	8.92	8.92	8.93	8.12 (Long)		8.08 (Long)
II Bluebonnet, Belle Patna, Vegold, Mira, Rexark, Bluebelle and Dawn	8.32	8.32	8.33	8.12 (Long)		8.08 (Long)
III Century Patna, Toro, Fortuna, Rex Mira, and Edith	7.32	7.32	7.33	8.12 (Long)		8.08 (Long)
IV Blue Rose (including Improved Blue Rose, Greater Blue Rose, Kamrose and Arkrose), Calrose, Gulfrose, Iacrosse, Magnolia, Mato, Northrose, Nova, Zenith (including Gold Zenith and Gold Rose), Prelude, Lady Wright, and Saturn	6.82	6.82	6.83	6.92 (Medium)		7.08 (Medium)
V Pearl, Early Prolific, Calady and other varieties	6.77	6.77	6.78	6.87 (Short)		7.03 (Short)
Broken Rice	3.80	3.80	3.81	4.00		4.00
<hr/>						
	Dol. per cwt.					
U.S. average support rate	4.50	4.50	4.55	4.60		4.65
Parity for price support 2/	6.62	6.85	6.87	6.92		
<hr/>						
	Percent					
Support rate as percent of parity	68.0	65.7	66.2	66.5		

1/ The method of computing 1969-crop rough rice basic support rates is the same as that used in prior rice programs except that under the new rice standards rice is classified by size and shape of kernel rather than variety. The basic support rates are applicable to No. 2 rice and will be adjusted by the following premium and discounts for U.S. grades per cwt.: No. 1 premium of 10 cents; No. 3, discount of 15 cents; No. 4, discount of 30 cents; and No. 5, discount of 50 cents. The premium and discounts are unchanged from 1968. A further discount for location, to adjust for transportation costs of moving the rough rice to an area where competitive milling facilities are available will also be made for rice produced in certain areas.

2/ Generally mid-July parity price.

Agricultural Stabilization and Conservation Service.

Type and period	Southwest Louisiana			Houston, Texas			Stuttgart, Arkansas		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
	-- Dollars --								
<u>Long Grain</u>									
August	10.15	9.90	9.70	10.05	9.50	9.95	9.90	9.90	10.25
September	10.15	9.60	9.25	10.00	9.55	9.50	9.90	9.90	10.15
October	9.90	9.70	9.50	10.00	9.70	9.60	9.90	9.90	9.20
November	9.90	9.70	9.50	10.00	10.00	9.75	9.95	9.90	9.85
December	9.90	9.70	9.60	10.00	10.05	9.75	9.90	9.90	9.90
January	9.90	9.80	9.60	10.00	10.15	9.75	9.90	9.90	9.90
February	9.90	10.00	9.60	10.00	10.15	9.75	9.90	9.95	9.90
Average Aug.-Feb.	9.95	9.75	9.55	10.00	9.85	9.70	9.90	9.90	9.90
Annual average	9.95	9.90		10.00	10.05		9.90	10.05	
<u>Medium Grain 1/</u>									
August	8.10	8.15	8.30	8.40	7.90	8.90	8.15	8.25	9.25
September	8.00	7.90	8.15	8.40	7.75	8.50	8.15	8.25	9.10
October	8.10	8.10	8.40	8.35	8.10	8.40	8.10	8.15	8.45
November	8.15	8.40	8.40	8.20	8.50	8.50	8.15	8.15	8.45
December	8.15	8.40	8.50	8.25	8.50	8.50	8.15	8.25	8.45
January	8.15	8.45	8.50	8.30	8.55	8.50	8.15	8.35	8.45
February	8.15	8.50	8.50	8.40	8.50	8.50	8.25	8.50	8.45
Average Aug.-Feb.	8.10	8.25	8.40	8.35	8.25	8.55	8.15	8.25	8.65
Annual average	8.15	8.35		8.35	8.65		8.20	8.65	

Consumer and Marketing Service, Grain Division.

Year beginning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
-- Dollars --													
Price per 100 pounds received by farmers for rough rice 1/													
1960	4.30	4.31	4.62	4.98	4.83	4.93	4.95	5.13	4.93	4.77	4.87	4.86	4.55
1961	4.71	4.91	5.20	5.39	5.30	5.39	5.48	5.70	5.60	5.48	5.26	5.08	5.14
1962	4.68	4.73	5.12	5.19	5.19	5.28	5.18	5.21	5.18	5.05	5.08	5.14	5.04
1963	4.97	4.94	5.01	5.03	4.96	5.08	5.14	5.17	5.25	5.20	5.10	5.03	5.01
1964	4.82	4.72	4.88	4.99	5.02	5.13	5.09	5.18	5.12	4.97	4.97	4.93	4.90
1965	4.81	4.85	4.94	4.93	5.09	2/5.20	5.15	5.15	5.12	5.09	5.08	5.14	4.93
1966	5.03	4.86	5.03	5.02	5.12	5.16	5.15	5.13	5.13	5.18	5.17	5.04	4.95
1967 3/	4.74	4.74	5.08	5.04	5.08	5.16	5.32	5.36	5.37	5.34	5.37	5.33	4.97
1968 3/	5.06	4.86	4.92	5.09	4.91	4.71	4.84						
Parity price per 100 pounds, for rough rice													
1960	5.90	5.90	5.88	5.88	5.90	6.02	6.04	6.04	6.04	6.04	6.00	6.00	
1961	6.02	6.02	6.02	6.02	6.04	6.20	6.22	6.22	6.24	6.24	6.22	6.22	
1962	6.22	6.26	6.26	6.26	6.28	6.44	6.44	6.42	6.44	6.44	6.44	6.46	
1963	6.44	6.44	6.44	6.44	6.42	6.35	6.35	6.35	6.37	6.35	6.35	6.33	
1964	6.35	6.35	6.33	6.35	6.35	6.50	6.52	6.52	6.56	6.62	6.62	6.62	
1965	6.58	6.58	6.60	6.60	6.64	6.70	6.74	6.79	6.83	6.83	6.83	6.85	
1966	6.87	6.91	6.91	6.91	6.91	6.77	6.75	6.77	6.79	6.81	6.83	6.87	
1967	6.83	6.85	6.87	6.85	6.87	6.75	6.79	6.82	6.88	6.90	6.90	6.92	
1968	6.90	6.94	6.98	7.00	7.02	7.08	7.12						
Year beginning October	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Average
-- Dollars --													
Wholesale price per 100 pounds (bagged) of milled California Pearl, U.S. No. 1 at San Francisco, docks basis 4/													
1960	8.75	8.75	8.75	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	8.95
1961	9.25	9.25	9.25	9.50	9.50	9.65	9.75	9.75	9.75	9.75	9.75	9.75	9.60
1962	9.75	9.75	9.75	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.95
1963	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.95	9.90	10.00
1964	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90
1965	9.90	9.90	9.90	10.05	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.10
1966	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15	10.15
1967	10.15	10.15	10.15	10.15	10.15	10.25	10.60	10.60	10.60	10.60	10.60	10.60	10.40
1968	10.60	10.60	10.60	10.60	10.60								

4/ Data from Grain Division, C&MS.

Table 14.--Rice, rough: Price per 100 pounds received by farmers,
by States, 1960-68 ^{1/}

Year begin- ning August	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aver- age 2/
Dollars													
Arkansas													
1960	4.65	4.00	4.50	4.80	4.70	4.80	4.80	4.85	4.85	4.85	4.85	4.85	4.41
1961	4.85	4.75	5.15	5.25	5.35	5.45	5.55	5.55	5.55	5.55	5.55	---	5.20
1962	---	4.75	5.20	5.40	5.40	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.10
1963	4.75	4.75	5.00	5.10	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	4.92
1964	5.20	4.65	4.85	5.10	5.20	5.10	5.10	5.10	5.10	5.10	5.10	5.10	4.87
1965	---	4.40	4.95	5.10	5.15	5.10	5.10	5.10	5.10	5.10	5.10	5.10	4.98
1966	5.15	4.45	4.90	5.05	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	4.80
1967 ^{3/}	5.00	4.80	5.30	5.20	5.20	5.30	5.30	5.30	5.30	5.30	5.30	5.30	5.12
1968 ^{3/}	5.30	4.75	4.90	5.20	5.20	5.20	5.20	5.30	5.30	5.30	5.30	5.30	5.12
Louisiana													
1960	4.20	4.25	4.50	4.95	4.75	4.90	5.00	5.10	5.20	4.90	5.10	5.10	4.50
1961	4.70	4.95	5.40	5.50	5.50	5.60	5.70	5.80	5.80	5.60	5.40	5.20	5.28
1962	4.65	4.65	4.95	5.10	5.15	5.30	5.10	5.00	5.00	4.80	4.90	4.80	4.88
1963	4.90	4.90	4.95	4.90	4.90	5.00	5.10	5.20	5.30	5.20	5.00	4.65	4.95
1964	4.65	4.75	4.90	4.90	5.10	5.10	5.10	5.20	5.30	5.00	5.00	4.70	4.84
1965	4.60	4.70	4.80	4.80	5.10	5.10	5.10	5.10	5.00	5.00	5.00	5.00	4.79
1966	4.60	4.70	4.90	5.00	5.10	5.10	5.10	5.00	5.00	5.10	5.10	4.90	4.80
1967 ^{3/}	4.65	4.70	4.75	5.00	5.20	5.30	5.40	5.50	5.50	5.50	5.50	5.40	4.91
1968 ^{3/}	4.80	4.75	4.85	5.00	5.00	4.95	5.10	5.10	5.10	5.10	5.10	5.10	4.91
Mississippi													
1960	5.00	4.65	4.75	4.80	4.80	4.90	4.90	6.00	5.30	5.10	5.00	5.00	4.88
1961	5.00	5.00	5.10	4.90	4.95	5.40	5.50	5.50	5.50	5.30	5.30	---	5.38
1962	---	4.80	4.90	5.05	5.20	5.40	5.40	5.40	5.30	5.30	---	---	5.25
1963	---	4.85	4.80	5.00	5.00	5.10	5.30	5.40	5.40	5.40	5.30	---	5.24
1964	---	4.80	5.10	5.10	5.20	5.30	5.30	5.30	5.20	5.10	5.10	5.10	5.20
1965	---	4.80	4.90	4.90	4.90	5.20	5.20	5.20	5.20	5.10	5.10	---	5.06
1966	4.90	4.80	4.80	4.80	4.90	5.10	5.10	5.10	5.20	5.20	5.20	5.20	4.90
1967 ^{3/}	---	5.20	5.40	5.20	5.20	5.40	5.30	5.40	5.40	5.30	5.40	5.50	5.34
1968 ^{3/}	---	---	5.20	5.20	5.10	5.20	5.40	5.40	5.40	5.30	5.40	5.50	5.34
California													
1960	4.20	4.20	4.37	4.39	4.38	4.47	4.47	4.47	4.47	4.48	4.48	4.48	4.43
1961	4.48	4.49	4.67	4.74	4.78	4.81	4.81	4.81	4.81	4.81	4.81	4.81	4.78
1962	4.81	4.81	5.12	5.12	5.12	5.10	5.10	5.10	5.11	5.12	5.11	5.09	5.11
1963	5.10	5.12	5.07	5.07	5.07	5.06	5.07	5.07	5.07	5.07	5.07	5.06	5.07
1964	5.06	5.06	---	4/4.80	4/4.80	4.91	4.92	4.92	4.92	4.92	4.92	4.91	4.92
1965	4.91	4.92	---	4/5.00	4/5.00	---	---	---	---	---	---	---	4.88
1966	---	---	---	---	---	---	---	---	---	---	---	---	4.30
1967 ^{3/}	---	---	---	---	---	---	---	---	---	---	---	---	4.84
1968 ^{3/}	---	---	---	---	---	---	---	---	---	---	---	---	4.84
Texas													
1960	4.40	4.55	5.00	5.20	5.10	5.20	5.20	5.10	5.20	4.90	4.90	4.90	4.85
1961	4.75	5.00	5.20	5.70	5.40	5.50	5.70	6.10	6.10	6.00	5.70	5.50	5.31
1962	4.70	4.80	5.10	5.20	5.20	5.20	5.10	5.20	5.00	5.00	5.00	5.20	5.03
1963	5.10	5.10	5.10	5.10	4.90	5.10	5.10	5.10	5.30	5.30	5.20	5.20	5.09
1964	5.00	4.75	4.90	5.00	4.90	5.20	5.10	5.30	5.10	4.80	4.80	5.00	4.94
1965	5.00	5.00	4.95	4.95	5.10	5.30	5.20	5.20	5.20	5.20	5.20	5.30	5.04
1966	5.40	5.00	5.00	5.00	5.10	5.20	5.20	5.20	5.20	5.20	5.20	5.00	5.10
1967 ^{3/}	4.80	4.70	4.75	5.00	4.90	5.00	5.30	5.30	5.30	5.30	5.30	5.30	4.94
1968 ^{3/}	5.30	5.10	5.00	5.10	4.60	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.94

^{1/} Monthly State prices are weighted by estimated sales for the month. ^{2/} Include allowances for unredeemed loan and purchase agreement deliveries valued at the average rate. ^{3/} Preliminary. ^{4/} Excludes sales through cooperatives and any adjustment on open contracts.

Note: United States prices are shown in table 13.

Table 15.--Rice, milled: U.S. exports by type of sale,
year beginning July, 1954-67

Year beginning July	For dollars	Under Government Programs			Total exports
		For foreign currency	Barter	Other programs	
		----- Mil. cwt. -----			
1954	8.4	---	1/	0.5	8.9
1955	6.1	2.5	.2	3.6	12.4
1956	5.8	18.0	.7	2.8	27.3
1957	5.9	5.0	1/	1.1	12.0
1958	7.8	3.8	2.0	.6	14.2
1959	7.6	9.9	.8	2.2	20.5
1960	7.1	11.9	.3	2.2	21.5
1961	11.2	8.2	---	1.0	20.4
1962	10.4	12.7	---	1.1	24.2
1963	16.5	13.6	---	1.2	31.3
1964	16.3	11.2	---	.8	28.3
1965	18.0	7.2	---	4.8	30.0
1966	20.7	15.5	---	2.8	39.0
1967 2/	23.0	13.0	---	4.3	40.3

1/ Less than .05 million cwt.

2/ Preliminary.

Foreign Agricultural Service, Grain and Feed Division.

Table 16.--Rice: Acreage allotments, by States, 1962-69

State	Apportionment						
	1962	1963 and 1964	1965	1966	1967	1968	1969
	----- Acres -----						
Southern States:							
Missouri	5,244	5,245	5,245	5,770	5,770	6,911	6,219
Mississippi	51,343	51,354	51,354	56,489	56,489	67,788	61,009
Arkansas	438,920	439,019	439,019	482,921	482,921	579,518	521,566
Louisiana	522,517	522,635	522,635	574,899	574,899	689,878	620,890
Texas	464,552	464,657	464,657	511,123	511,123	613,347	552,013
Total Southern	1,482,576	1,482,910	1,482,910	1,631,202	1,631,202	1,957,442	1,761,697
California	329,748	329,822	329,822	362,804	362,804	435,365	391,828
Total Major	1,812,324	1,812,732	1,812,732	1,994,006	1,994,006	2,392,807	2,153,525
Minor States:							
Arizona	252	252	252	277	277	332	299
Florida	1,052	1,053	1,053	1,158	1,158	1,390	1,251
Illinois	22	22	22	24	24	29	26
North Carolina	42	42	42	46	46	55	50
South Carolina	3,131	3,132	3,132	3,445	3,445	4,134	3,721
Oklahoma	164	164	164	180	180	216	195
Tennessee	569	569	569	626	626	751	676
Total Minor	5,232	5,234	5,234	5,756	5,756	6,907	6,218
Unapportioned National Reserve	300	200	672	740	740	888	799
United States	1,817,856	1,818,166	1,818,638	2,000,502	2,000,502	2,400,602	2,160,542

Agricultural Stabilization and Conservation Service.

Table 17.--Rice, milled: U. S. exports under Title I of P.L. 480
by country of destination, 1961-67

Country of destination	Year beginning July						
	1961	1962	1963	1964	1965	1966 1/	1967 1/
	1,000 cwt.						
Bolivia	61	---	---	---	---	---	---
Congo	280	316	661	698	899	492	171
Ghana	---	---	---	---	387	220	219
Guinea	276	560	920	347	413	144	---
Iceland	5	5	4	6	---	---	---
India	3,052	5,965	8,026	7,216	224	---	---
Indonesia	3,772	5,659	2,001	---	89	2,102	1,859
Israel	87	151	108	76	65	---	---
Ivory Coast	---	---	234	458	517	126	---
Pakistan	---	---	---	---	---	---	---
Peru	---	---	558	---	---	---	---
Philippines	---	---	404	2,068	824	---	---
Poland	116	111	238	---	---	---	---
Senegal	---	---	522	---	---	---	---
Sierra Leone	---	---	---	110	---	43	---
Syria	256	---	---	---	---	---	---
Turkey	---	---	---	---	---	---	---
Vietnam	915	---	---	557	4,395	15,134	7,376
Total	8,820	12,767	13,676	11,536	7,813	18,261	9,625

1/ Preliminary.

Foreign Agricultural Service, Grain and Feed Division.

Table 18.--Rice milled: U.S. donations by type of outlet,
1956-67

Year beginning August 1/	Schools	Institutions	Needy Persons	Total
	1,000 cwt.			
1956	219	108	476	803
1957	198	87	563	848
1958	200	120	808	1,128
	Beginning 50 State Basis			
1959	212	93	695	1,000
1960	219	84	864	1,167
1961	222	81	1,110	1,413
1962	219	74	943	1,236
1963	250	89	1,016	1,355
1964	256	97	951	1,304
1965	307	91	807	1,205
1966	306	90	667	1,063
1967	312	77	607	996

1/ U.S.D.A. donations are on a year beginning July.

Table 12--Rice, milled: U.S. exports to specified countries, year beginning July 1966 and 1967 and July-Jan. 1967 and 1968 ^{1/}

Country of destination	Year beginning July		July-January	
	1966	1967	1967	1968
	----- 1,000 metric tons -----			
Western Hemisphere:				
Canada	47.1	50.6	24.7	30.1
Mexico	1.8	.2	.1	.2
Nicaragua	11.3	.3	.2	<u>2/</u>
Bahamas	4.6	4.2	2.5	2.6
Peru	48.2	.2	.2	.1
Jamaica	21.0	15.1	8.8	7.6
Dominican Republic	<u>2/</u>	.4	<u>2/</u>	6.0
Netherlands Antilles	5.5	4.3	2.5	2.0
Venezuela	4.1	5.1	1.5	1.4
Chile	9.2	8.3	3.9	4.5
Other countries	15.7	9.9	7.4	3.2
Total	168.5	98.6	51.8	57.7
Europe:				
Sweden	3.2	2.8	1.9	2.4
United Kingdom	58.6	54.2	26.6	31.8
Netherlands	34.8	39.7	26.9	33.6
Belgium-Luxembourg	17.2	16.2	6.4	10.4
Germany, West	56.3	51.1	29.4	35.1
Switzerland	7.6	9.7	6.6	4.4
France	18.6	24.9	15.1	12.5
Other countries	26.7	7.8	6.1	6.2
Total	223.0	206.4	119.0	136.4
Asia:				
Israel	15.8	9.4	4.0	7.0
Kuwait	7.1	14.6	9.7	7.2
Saudia Arabia	66.9	60.2	33.6	31.8
Southern Yemen	11.9	7.6	3.1	6.8
India	63.2	<u>2/</u>	<u>2/</u>	<u>2/</u>
Vietnam, South	687.2	595.6	331.5	131.6
Hong Kong	4.0	76.9	46.4	.4
Japan	95.9	2.3	1.7	1.3
Korea	.1	270.3	101.1	99.0
Philippines	36.1	19.1	19.1	<u>2/</u>
Indonesia	96.7	174.0	100.7	180.0
Nansei and Nanpo Islands	54.0	48.1	14.5	20.0
Other countries	10.0	48.3	20.4	5.0
Total	1,118.9	1,326.4	685.8	499.1
Oceania	13.4	12.6	7.7	7.4
Africa:				
South Africa, Republic of	70.4	68.4	34.8	36.7
Ghana	52.6	17.7	3.5	23.1
Liberia	33.0	37.3	20.3	21.4
Congo, Republic of	19.3	15.2	4.9	1.1
Guinea	6.5	<u>2/</u>	---	---
Ivory Coast	6.1	13.9	13.5	.4
Senegal	---	.1	<u>2/</u>	---
Other countries	28.1	23.1	16.9	7.5
Total	216.0	175.7	93.9	90.2
Grand total	1,769.8	1,819.7	958.2	790.8

^{1/} Includes small quantity of rough rice in milled equivalent. ^{2/} Less than 50 tons.

Foreign Agricultural Service, Grain and Feed Division. From reports of the Bureau of the Census.

Table 20.--Rice, rough and milled: U.S. exports by country of destination, August-July years, 1962-67

Country of destination :	1962/63	1963/64	1964/65	1965/66	1966/67	1967/68
				Cwt.		
Rough Rice						
Canada	9,039	2,125	2,925	4,037	3,187	2,500
Colombia	52	---	4,840	4,400	4,624	4,405
Costa Rica	100	825	---	859	123	---
Guatemala	100	1,000	---	50	6,815	600
Haiti	---	---	2,793	150	222	330
Italy	---	---	---	---	15,950	7,418
Mexico	33,530	4,243	9,785	25,068	307	5,934
Nicaragua	500	1,230	2,660	1,650	1,891	2,934
Panama	2,395	1,250	1,000	8,319	213	560
Venezuela	94,751	90,253	58,200	120,621	122,463	154,777
Other	2,702	3,696	43,463	3,491	4,709	25,980
Total rough	143,169	104,622	125,666	168,645	160,504	205,438
Milled Rice						
Western Hemisphere						
Bahamas	84,464	109,781	92,630	94,762	99,411	95,493
Barbados	5,438	1,412	2,196	769	929	201
Bermuda	5,588	5,806	5,719	6,409	6,479	5,320
Bolivia	1,849	942	500	1,252	5,426	4,255
British Honduras	40,000	42,576	15,112	25,401	35,724	35,188
Canada	951,364	1,008,957	1,093,025	1,025,204	1,059,669	1,195,899
Chile	171,592	152,092	165,403	171,842	200,183	183,431
Colombia	7,427	11,981	12,770	11,246	8,247	1,125
Costa Rica	1,965	1,213	52,375	52,816	128,611	45,453
Cuba	---	---	---	---	---	---
Dominican Republic	758,789	1,003,190	490,344	173	227	126,617
Ecuador	---	100	121,253	800	---	---
El Salvador	39,980	40,000	15,155	100,180	40,956	499
French West Indies	3,814	4,040	18,534	60,545	81,203	65,416
Guatemala	3,835	3,445	11,164	13,423	4,215	3,714
Haiti	45,016	1,022	651	300	831	---
Honduras	5,312	200	782	41,253	15,871	750
Jamaica	146,280	208,779	311,075	419,382	445,762	324,354
Leeward & Windward Is.	6,707	1,242	3,259	7,970	2,985	2,098
Mexico	34,142	44,203	164,750	422,941	12,722	3,243
Netherlands Antilles	90,716	105,941	137,956	126,616	121,746	91,565
Nicaragua	55,877	203,098	128,723	181,786	193,312	4,360
Panama	3,555	4,513	17,080	5,713	2,444	1,648
Peru	16,805	827,600	716,504	278,618	1,061,189	4,485
Trinidad & Tobago	114,457	2,935	1,314	850	20	823
Venezuela	11,511	905	1,467	1,001	1,196	903
Other	2,130	1,417	---	2,393	329	628
Subtotal	2,608,613	3,787,390	3,579,741	3,053,645	3,529,687	2,197,468
Europe						
Austria	3,515	6,397	12,289	8,320	1,850	6,034
Belgium & Luxembourg	311,546	346,636	193,003	134,651	437,109	333,281
Cyprus	973	1,592	2,547	3,044	1,477	2,696
Denmark	27,004	34,416	62,772	42,934	40,269	31,653
France	71,413	10,782	124,977	311,164	424,994	558,805
Finland	3,511	11,281	22,110	15,502	7,078	10,384
Greece	51,457	53,828	73,293	70,937	61,120	60,899
Iceland	6,273	7,634	7,327	6,607	10,191	11,428
Ireland	18,044	18,257	30,968	9,333	7,311	9,072
Netherlands	334,100	799,855	259,823	509,374	830,785	945,238
Norway	16,155	2,982	2,904	3,348	3,242	2,689
Poland	---	330,286	226,240	---	*665,982	---
Portugal	170,679	72,978	212,461	268,794	---	268
Sweden	58,467	87,824	107,772	90,206	76,258	57,167
Switzerland	133,305	195,353	179,809	279,941	197,044	202,846
Turkey	---	---	---	202,783	---	---
United Kingdom	966,270	934,848	824,260	877,556	1,391,516	1,253,587
USSR	---	1,203,921	---	---	---	---
West Germany	1,192,257	1,001,735	1,017,291	1,133,431	1,274,435	1,108,135
Other	7,479	1,161	22,639	1,963	1,887	11,197
Subtotal	3,372,448	5,121,766	3,382,485	3,969,888	5,432,548	4,605,379

- Continued

Table 21.--Rice: U. S. exports by classification and country of destination, 1967/68

Country	Brown Rice	Milled Rice				Total
		Donated for relief	Parboiled	75 percent brokens	Less than 75 percent brokens	
----- 1,000 cwt. -----						
<u>Western Hemisphere</u>						
Bahamas	20	122	699	2,194	92,458	95,493
Barbados	---	150	---	---	51	201
Bermuda	---	---	58	---	5,262	5,320
Bolivia	---	---	---	---	4,255	4,255
British Honduras	---	---	---	---	35,188	35,188
Canada	657,521	3,527	69,746	35,271	429,834	1,195,899
Chile	---	---	6,952	---	176,479	183,431
Colombia	---	---	---	---	1,125	1,125
Costa Rica	130	---	---	---	45,323	45,453
Dominican Republic	---	348	---	1,200	125,069	126,617
El Salvador	---	---	---	---	499	499
French Guiana	---	---	51	---	350	401
French West Indies	---	---	1,180	3,100	61,136	65,416
Guatemala	---	---	1,129	---	2,585	3,714
Guyana	---	---	---	---	60	60
Honduras	---	---	---	---	750	750
Jamaica	---	---	3,072	135	321,147	324,354
Leeward & Windward Is	164	50	---	---	1,884	2,098
Mexico	---	---	---	324	2,919	3,243
Netherlands Antilles	77	---	5,514	---	85,974	91,565
Nicaragua	---	---	---	---	4,360	4,360
Panama	---	---	---	---	1,648	1,648
Paraguay	---	118	---	---	---	118
Peru	---	---	24	---	4,461	4,485
Surinam	---	---	49	---	---	49
Trinidad & Tobago	---	---	---	---	823	823
Venezuela	---	---	747	---	156	903
Subtotal	657,912	4,315	89,221	42,224	1,403,796	2,197,468
<u>Europe</u>						
Austria	---	---	650	5,384	---	6,034
Belgium & Luxembourg	72,122	34,240	61,140	79,373	86,406	333,281
Cyprus	---	---	200	---	2,496	2,696
Czechoslovakia	---	---	---	5,512	---	5,512
Denmark	---	---	3,127	3,549	24,977	31,653
France	192,471	---	128,634	8,560	229,140	558,805
Finland	4,628	---	---	---	5,756	10,384
Greece	---	---	21,355	---	39,544	60,899
Iceland	---	---	52	1,226	10,150	11,428
Ireland	---	---	2,623	---	6,449	9,072
Italy	---	---	3,600	---	120	3,720
Malta	---	---	115	---	1,485	1,600
Netherlands	859,858	22,447	19,683	26,751	16,499	945,238
Norway	---	---	460	---	2,229	2,689
Portugal	---	---	---	---	268	268
Spain	---	---	---	---	341	341
Sweden	---	---	12,453	---	44,714	57,167
Switzerland	86,981	---	11,617	---	104,248	202,846
United Kingdom	653,915	---	23,724	29,942	546,006	1,253,587
West Germany	802,890	22,447	209,161	57,438	16,199	1,108,135
Yugoslavia	---	24	---	---	---	24
Subtotal	2,672,865	79,158	498,594	217,735	1,137,027	4,605,379
<u>Asia</u>						
Arabia Penn. States	---	---	8,021	4,959	99,915	112,895
Bahrain	---	---	26	---	35,110	35,136
Hong Kong	---	1,018	---	34,600	1,601,364	1,636,982
India	---	343	---	---	---	343
Indonesia	---	---	---	---	3,836,741	3,836,741
Iran	---	1,650	---	---	421,856	423,506
Israel	170,019	54,186	---	---	96	224,301
Japan	6,616	---	978	---	38,498	46,092
Jordan	---	2,538	1,672	---	1,339	5,549
Kuwait	---	1,990	57,840	---	259,895	319,725
Lebanon	---	---	6,067	---	9,933	16,000

- Continued

Table 21.--Rice: U. S. exports by classification and country of destination,
1967/68--Continued

Country	Brown Rice	Milled Rice				Total
		Donated for relief	Parboiled	75 percent brokens	Less than 75 percent brokens	
			1,000 cwt.			
Malaysia	---	44,009	176	---	165,393	209,578
Nansei & Nanpo	377,998	---	---	15,290	807,330	1,200,618
Philippines	---	---	---	---	944	944
Republic of Korea	6,577,321	---	---	---	---	6,577,321
Saudi Arabia	---	---	961,353	---	377,108	1,338,461
Singapore	---	---	1,485	14,438	202,554	218,477
Southern Yemen	---	---	161,832	10,811	9,571	182,214
South Vietnam	---	---	---	---	13,986,561	13,986,561
Thailand	---	---	---	---	200	200
Subtotal	7,131,954	105,734	1,199,450	80,098	21,854,408	30,371,644
Oceania						
Australia	---	---	759	---	39,491	40,250
British W. Pacific Is.	23,793	14,924	---	1,102	23,162	62,981
French Pacific Is.	---	---	79	---	47,455	47,534
New Guinea	---	---	---	---	321	321
New Zealand	---	---	1,208	---	42,101	43,309
Trust Terr. of Pacific	---	350	---	---	43,618	43,968
Subtotal	23,793	15,274	2,046	1,102	196,148	238,363
Africa						
Afars & Issas	---	---	2,230	500	20,448	23,178
Angola	---	---	2,300	---	3,000	5,300
Burundi & Rwanda	---	---	---	4,435	---	4,435
Cameroon	---	---	305	---	17,435	17,740
Central African Rep.	---	---	490	---	168	658
Congo (Kinshasa)	---	---	4,859	8,195	334,187	347,241
Ethiopia	---	---	2,023	1,986	4,831	8,840
Gabon	---	500	1,787	---	4,959	7,246
Gambia	---	---	124	---	138	262
Ghana	---	---	9,835	---	337,586	347,421
Guinea	---	---	---	---	126	126
Ivory Coast	---	---	4,723	---	204,550	209,273
Kenya	---	---	954	---	4,720	5,674
Liberia	7,999	---	486,510	---	324,095	818,604
Libya	---	---	2,103	---	15,786	17,889
Malawi	---	---	---	---	8,167	8,167
Mauritania	---	---	---	---	336	336
Mauritius	---	---	---	---	11,904	11,904
Mozambique	150	---	---	---	16,447	16,597
Nigeria	---	---	3,757	775	9,706	14,238
Rep. of South Africa	506,670	28,400	747,210	2,923	300,796	1,585,999
Rhodesia	---	---	---	---	17,636	17,636
Senegal	---	---	544	---	1,218	1,762
Sierre Leone	---	---	---	---	79,365	79,365
Somali Republic	---	---	90,683	---	42,192	132,875
Sudan	---	---	---	---	952	952
Tanzania	---	---	---	---	3,144	3,144
Togo	---	---	221	---	2,713	2,934
Uganda	---	---	10,960	---	20,452	31,412
W. Africa (OWAF)	---	---	5,984	---	3,160	9,144
W. Portuguese Africa	---	---	575	222	22,243	23,040
Zambia	---	---	353	---	52,410	52,763
Subtotal	514,819	28,900	1,378,530	19,036	1,864,870	3,806,155
Grand Total	11,001,343	233,381	3,167,841	360,195	26,456,249	41,219,009

Bureau of the Census.

Table 22.--Rice, milled: U.S. exports by country or area of destination, August-December, 1966-1968

Country of destination	1966	1967	1968
		<u>Cwt.</u>	
Canada	302,202	403,825	517,423
Jamaica	128,829	129,996	141,062
United Kingdom	394,034	372,311	639,827
EEC	960,075	1,242,819	2,061,653
Israel	143,028	44,597	170,382
Kuwait	73,984	118,756	156,030
Saudi Arabia	752,062	624,869	664,258
Southern Yemen	143,302	54,580	133,499
South Vietnam	3,501,299	4,069,008	1,627,158
Indonesia	744,486	1,428,718	3,945,405
Republic of Korea	---	1,860,450	1,171,642
Hong Kong	6,000	942,724	8,565
Mansei and Nanpo Islands	120,158	217,264	465,816
Ivory Coast	5,661	199,023	7,879
Liberia	295,171	300,884	385,662
Republic of South Africa	418,636	574,254	675,372
Other	2,792,179	1,319,292	1,416,124
Total	10,781,106	13,903,370	14,187,757

Source: Rice Market News, Consumer and Marketing Service.

Table 24.--Rice (milled basis): World exports by country of origin,
calendar years 1963-1967, and 5-year average 1960-1964

Country of Origin	1960-64 Average	1963	1964	1965	1966 ^{1/}	1967 ^{1/}
	M.T.	M.T.	M.T.	M.T.	M.T.	M.T.
North America:						
United States	1,064.6	1,199.9	1,329.5	1,530.9	1,335.2	1,815.4
Mexico	13.6	.2	-	-	-	-
Total - North America	1,078.2	1,200.1	1,329.5	1,530.9	1,335.2	1,815.4
Central America:						
Costa Rica	1.9	.2	.1	-	.1	-
El Salvador	1.6	1.7	2.0	3.0	6.8	13.6
Guatemala .....	.4	-	.7	2.5	2/	.9
Honduras .....	.5	.4	.2	1.8	.2	2/
Nicaragua	1.3	1.0	1.0	.2	2.1	.1
Panama	-	-	-	-	1.2	-
Total - Central America	5.7	3.3	4.0	7.5	10.4	14.6
Bermuda and Caribbean:						
Dominican Republic	1.8	-	-	-	-	-
Jamaica .....	.1	-	-	-	-	-
Trinidad and Tobago .....	.1	-	.1	-	-	-
Total Bermuda and Caribbean	2.0	-	.1	-	-	-
South America:						
Argentina	14.7	14.2	6.6	42.6	46.6	34.1
Brazil	41.5	-	12.4	236.4	278.6	47.0
Chile	6.9	.1	-	-	-	-
Colombia	1.5	3.1	.2	.1	.3	4.0
Ecuador	20.8	33.8	17.1	-	22.6	-
Guyana	80.0	85.3	78.8	95.1	109.9	95.9
Surinam	19.8	21.7	14.4	21.1	20.0	14.5
Uruguay	18.0	13.6	25.8	20.6	44.9	37.3
Venezuela	-	-	-	-	49.9	63.1
Total - South America	203.2	171.8	155.3	415.9	572.8	295.9
Total - Western Hemisphere	1,289.1	1,375.2	1,488.9	1,954.3	1,918.4	2,125.9
Europe:						
EEC:						
Belgium - Luxembourg	14.7	7.8	7.2	7.8	6.0	4.6
France	13.7	5.8	2.2	10.0	6.9	39.2
Germany, West	9.1	11.4	15.4	21.7	16.3	21.4
Italy	149.0	147.1	68.6	103.2	81.2	155.8
Netherlands	23.5	18.7	18.1	17.3	16.8	17.0
Total - EEC	210.0	190.8	111.5	160.0	127.2	238.0
EFTA:						
Portugal	-	-	.6	2.9	2/	2/
Switzerland .....	.3	.3	.5	.5	.9	1.0
Total - EFTA .....	.3	.3	1.1	3.4	.9	1.0
Greece .....	.4	1.3	.6	4.9	25.1	9.4
Spain	55.8	41.9	68.6	84.0	57.3	109.4
Total - Western Europe	266.5	234.3	181.8	252.3	210.5	357.8
Eastern Europe: 3/						
Bulgaria	1.3	6.9	41.8	9.8	4.7	3.5
Czechoslovakia	8.8	4.0	6.9	2.1	1.7	.2
Hungary	3.7	-	.9	1.4	.5	-
U.S.S.R.	9.7	12.0	4.4	3.1	1.5	.5
Yugoslavia .....	.5	-	-	-	-	-
Total - Eastern Europe	24.0	22.9	54.0	16.4	8.4	4.2
Total - All Europe	290.5	257.2	235.8	268.7	218.9	362.0

- Continued

Table 24.--Rice (milled basis): World exports by country of origin, calendar years 1963-1967, and 5-year average 1960-1964--continued

Country of Origin	1960-64 Average	1963	1964	1965	1966	1967
	1,000 M.T.	1,000 M.T.	1,000 M.T.	1,000 M.T.	1,000 M.T.	1,000 M.T.
Asia:						
Aden	18.9	17.8	19.3	18.4	10.4	10.2
Arabian Peninsula St.	2.8	-	3.1	-	-	-
Burma	1,641.5	1,707.0	1,411.4	1,347.5	1,100.0	650.0
Cambodia	311.5	373.7	365.4	471.0	172.0	223.0
Ceylon .....	.3	.2	-	-	-	-
China, Mainland	724.6	626.8	805.3	738.4	1,197.0	1,050.0
Hong Kong	40.8	22.8	53.6	29.3	28.7	7.4
India	1.2	2.9	2.5	3.0	2.8	4.7
Iran	2.4	-	1.8	9.2	1.4	1.6
Japan .....	.1	.2	.1	.3	2/	.2
Korea, North	8.4	-	5.0	43.5	72.0	75.0
Korea, South	21.4	4.6	13.3	19.0	39.9	-
Kuwait	-	-	-	25.1	14.7	20.0
Lebanon .....	.2	.2	.5	.1	-	-
Malaysia	85.6	142.6	42.8	51.1	30.9	19.4
Nepal	21.7	28.8	23.2	45.7	40.0	35.0
Pakistan	124.6	102.5	163.8	134.6	213.1	170.5
Philippines .....	.4	.1	.1	-	-	107.0
Singapore	183.2	223.4	108.7	183.5	195.7	100.0
Taiwan	77.8	119.4	127.5	257.3	177.7	122.2
Thailand	1,483.3	1,424.5	1,924.4	1,875.6	1,507.6	1,442.8
Turkey .....	.5	1.0	1.6	.6	2/	2.3
Viet-Nam, North	19.1	6.9	10.9	10.0	13.0	10.0
Viet-Nam, South	189.9	322.6	48.6	-	-	-
Total - Asia	4,960.2	5,128.0	5,132.9	5,263.2	4,816.9	4,051.3
Africa:						
Algeria .....	.9	.1	-	-	-	-
Angola	2.6	1.4	2.1	1.9	1.5	1.5
Ghana .....	.2	.1	-	-	-	-
Ivory Coast	-	.3	.2	-	-	-
Kenya .....	.3	.1	.1	.2	2/	.1
Malagasy	30.7	27.5	27.6	10.9	19.6	40.0
Malawi	-	-	1.3	-	-	-
Mali	1.9	.1	.3	-	-	-
Morocco	3.4	.8	5.3	3.7	1.3	3.9
Mozambique	2.3	7.3	.1	-	4.1	4.2
Nigeria	-	-	.1	.1	-	-
Rhodesia and Nyasaland	1.0	.5	-	-	-	-
Rhodesia, South	-	-	.2	.1	-	-
Senegal	-	-	-	.1	.6	.5
Sierra Leone .....	.6	-	-	-	-	-
South Africa .....	.2	.2	.3	.4	5.2	.7
Tanzania	1.3	.1	.3	-	1.0	.3
Togo .....	.1	.2	-	-	-	-
Uganda .....	.1	-	-	.2	-	-
United Arab Republic	306.7	380.3	526.7	330.4	346.7	400.0
Zambia	1.2	.5	-	-	-	-
Total - Africa	353.5	419.5	564.6	348.0	380.0	451.2
Oceania:						
Australia	73.9	63.6	88.3	63.6	87.2	99.2
Total - Oceania	73.9	63.6	88.3	63.6	87.2	99.2
World Total	6,967.2	7,243.5	7,510.5	7,897.8	7,421.4	7,089.6

1/ Preliminary.

2/ Less than 50 metric tons.

3/ Based on actual imports by recipient countries, intra-trade on calendar year basis, and official estimates by FAO and FAS.

Table 25.--Rice (rough): Acreage, yield per acre, and production in specified countries average, 1960-64, annual 1966-68 1/ (based on November estimates)

Continent and country	Acreage			Yield per acre			Production		
	Average	1966-67	1967-68	Average	1966-67	1967-68	Average	1966-67	1967-68
	1960-61 to 1964-65	1966-67	1967-68	1960-61 to 1964-65	1966-67	1967-68	1960-61 to 1964-65	1966-67	1967-68
	acres	acres	acres	Pounds	Pounds	Pounds	m. t.	m. t.	m. t.
North America:									
Mexico	342	408	412	1,961	2,107	2,301	2,435	390.0	430.0
United States	1,703	1,967	1,970	3,738	4,324	4,550	4,560	3,858.3	4,066.4
Costa Rica	132	138	148	1,042	1,297	1,297	62.4	81.0	87.0
El Salvador	33	49	65	1,979	2,269	2,106	29.6	46.8	66.0
Guatemala	26	29	34	1,369	1,407	1,491	16.2	18.0	23.0
Honduras	34	42	42	1,476	1,207	1,305	22.7	23.0	24.9
Nicaragua 2/	55	60	67	1,353	2,056	1,970	2,134	56.0	60.0
Panama	253	325	320	978	950	1,040	112.3	140.1	151.0
Cuba	240	--	--	1,700	--	--	185.0	--	--
Dominican Republic	206	220	220	1,423	1,782	1,473	133.0	178.0	147.0
Total North America	3,132	3,568	3,641	2,711	3,092	3,192	3,851.7	5,005.5	5,272.1
South America:									
Argentina	135	151	177	3,159	3,182	3,524	193.4	217.0	282.9
Bolivia	74	82	--	1,316	1,693	--	44.2	63.0	--
Brazil	9,242	10,625	12,000	1,420	1,266	1,231	5,951.2	6,100.0	6,700.0
Chile	82	73	80	2,440	2,684	2,563	90.8	88.8	93.0
Colombia	643	865	741	1,823	1,733	2,038	2,370	680.0	730.0
Ecuador	273	247	260	1,525	1,623	1,314	188.8	182.0	155.0
Guyana	247	340	--	2,000	1,945	--	224.0	300.0	--
Paraguay	38	41	--	1,950	2,044	--	33.6	38.0	--
Peru	196	206	124	3,362	4,112	4,000	317.3	405.0	285.2
Surinam	70	73	--	2,486	2,967	--	78.9	98.3	--
Uruguay	51	84	76	2,841	3,035	3,018	65.8	115.6	104.1
Venezuela	165	257	343	1,476	1,945	1,876	110.5	210.0	292.0
Total South America	11,216	13,044	14,242	1,539	1,436	1,399	7,830.3	8,497.7	9,036.2
Europe:									
France	77	69	65	3,474	3,196	3,945	121.3	100.0	116.3
Greece	49	43	44	3,704	4,388	4,565	82.3	85.6	91.2
Italy	299	327	355	4,679	4,187	4,695	4,317	621.0	756.0
Portugal	92	86	82	4,073	3,949	3,952	170.0	154.0	153.0
Spain	157	143	146	5,460	5,781	5,542	5,890	375.0	367.0
Total Western Europe	674	668	692	4,369	4,407	4,707	1,297.0	1,335.6	1,477.5
Bulgaria	32	30	30	2,497	3,527	3,820	36.2	48.0	52.0
Hungary	52	47	50	1,715	1,453	1,500	40.4	31.0	34.0
Romania	35	49	52	2,589	2,518	2,962	41.1	56.0	70.0
Yugoslavia	15	13	11	3,333	3,931	4,048	22.7	23.0	24.0
Total Eastern Europe	142	143	152	2,282	2,559	2,634	147.0	166.2	180.0
Total Europe	816	816	844	4,171	4,056	4,341	1,544.0	1,501.8	1,661.7
U.S.S.R. (Europe and Asia)	332	600	682	2,068	2,352	2,598	311.0	640.0	879.0

Africa:												
Morocco	9	12	11	18	4,033	3,483	5,464	4,596	16.5	19.0	27.3	40.0
United Arab Republic	829	1,200	1,250	1,250	4,745	3,674	4,056	4,145	1,784.2	2,000.0	2,300.0	2,350.0
Congo (Kinshasa)	130	133	---	---	915	945	---	---	54.0	57.0	---	---
Gambia	61	67	---	---	1,098	1,218	---	---	30.4	37.0	---	---
Ghana	78	65	88	92	959	985	1,061	959	33.8	29.0	42.5	40.0
Guinea	1,025	---	---	---	618	---	---	---	287.0	315.0	330.0	---
Ivory Coast	614	---	---	---	786	---	---	---	219.0	274.0	340.0	---
Malagasy Republic	1,996	2,050	1,946	---	1,370	1,538	1,658	---	1,240.0	1,464.0	---	---
Mali	442	417	400	---	893	837	772	---	179.0	158.4	140.0	---
Nigeria	500	---	---	---	1,074	---	---	---	250.0	406.4	391.0	376.0
Portuguese Guinea	138	---	---	---	1,664	---	---	---	104.0	---	---	---
Senegal	180	200	200	---	1,151	1,375	1,045	---	93.8	125.0	95.0	---
Sierra Leone	800	---	---	---	895	---	---	---	325.0	390.0	400.0	---
Tanzania 3/	204	---	---	---	1,161	---	---	---	108.0	110.0	115.0	---
Upper Volta	112	---	---	---	649	---	---	---	33.0	---	---	---
Total Africa	8,176	8,765	8,866	8,909	1,405	1,511	1,598	1,605	5,212.0	6,006.9	6,426.9	6,488.1
Asia:												
Iran	846	930	---	---	1,861	2,074	---	---	714.0	875.0	954.0	1,000.0
Turkey (Europe and Asia)	129	160	160	---	2,601	2,797	2,688	---	152.2	203.0	195.2	172.7
Afghanistan	524	---	---	---	2,053	---	---	---	488.0	---	---	---
Burma	12,000	12,328	12,490	---	1,456	1,168	1,362	---	7,925.0	6,637.0	7,719.0	---
Cambodia	5,731	6,212	---	---	952	872	---	---	2,474.8	2,457.0	---	---
Ceylon	1,239	1,307	1,566	1,657	1,714	1,609	1,614	1,785	963.1	954.0	1,147.0	1,342.0
China, Taiwan	1,905	1,945	1,944	---	3,242	3,553	3,613	---	2,801.8	3,135.0	3,186.0	---
India 3/	86,359	87,927	89,000	---	1,356	1,146	1,523	---	53,105.0	45,707.0	61,500.0	57,000.0
Indonesia	17,530	---	---	---	1,600	---	---	---	12,718.0	14,000.0	15,260.0	---
Japan 2/	8,108	8,041	8,063	8,105	4,329	4,368	4,939	4,860	15,920.0	15,931.2	18,063.7	17,868.7
Korea, South	2,837	3,068	3,052	---	3,647	3,866	3,544	---	4,693.0	5,336.7	4,906.0	4,493.0
Laos	1,600	1,330	---	---	1,020	989	---	---	740.0	623.0	---	---
Malaysia:	---	---	---	---	---	---	---	---	---	---	---	---
Malaya States	816	904	1,106	---	2,238	2,111	2,003	---	828.5	865.7	1,004.7	---
Sabah (North Borneo)	89	---	---	---	1,897	---	---	---	76.6	---	---	---
Sarawak	282	277	---	---	860	769	---	---	110.0	96.6	---	---
Nepal	2,800	2,717	2,766	---	1,647	1,628	1,767	---	2,095.0	2,007.0	2,217.0	---
Pakistan 2/	24,955	25,897	27,945	28,450	1,467	1,398	1,501	1,478	16,539.0	16,424.4	19,024.0	18,994.0
Philippines	7,821	7,614	7,820	7,904	1,096	1,206	1,236	1,313	3,883.4	4,165.0	4,372.0	4,700.0
Thailand	14,735	16,995	16,542	---	1,343	1,743	1,493	---	8,960.0	13,500.0	11,200.0	12,000.0
Vietnam, South	6,054	5,671	---	---	1,841	1,686	---	---	5,055.8	4,336.0	---	---
Total Asia, excl. Communist areas 4/	197,045	204,252	207,223	208,946	1,574	1,492	1,701	1,647	140,651.5	138,285.0	159,901.4	156,071.2
Oceania:												
Australia	56	74	76	84	5,429	6,378	6,394	---	138.0	214.0	221.4	---
Fiji Islands	30	---	---	---	1,543	---	---	---	21.0	---	---	---
Total Oceania	89	107	109	117	2,963	4,860	4,921	5,033	160.0	235.9	243.3	266.8

1/ Crops harvested in the Northern Hemisphere during the latter part of the year, together with those harvested in Asia from November to May, are combined with crops harvested in Southern Hemisphere during the first part of the following year. Harvested acreage is shown unless data for planted acreage only are available. 2/ Preliminary. 3/ Planted acreage. 4/ Excluding Communist Asia (China, North Korea, and North Vietnam).

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

1/ Preliminary.

*Firm estimates not available.

Foreign Agricultural Service, Grain and Feed Division.

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